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Federal Agencies

October 2, 2002

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Commissioner for Patents
Washington, D.C. 20231

Art Unit 1644

Re: U.S. Utility Patent Application
Appl. No. 08/452,843; Filed: May 30, 1995
For: **HLA Binding Peptides and Their Uses**
Inventors: SETTE *et al.*
Our Ref: 2060.0010002/EKS/HCC/M-M

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Sir:

Transmitted herewith for appropriate action are the following documents:

1. Supplemental Information Disclosure Statement;
2. Form PTO-1449 (27 pages) citing 97 documents;
3. Copies of documents AA1, AB1, AF1, AH1, AL1, AM1, AP1, AR4, AS5, AR8, AR11, AR13, AR15, AT24 and AR27; and
4. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Helene C. Carlson

Helene C. Carlson
Agent for Applicants
Registration No. 47,473

Enclosures

Sterne, Kessler, Goldstein & Fox P.L.L.C. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 : 202.371.2540 : www.skgf.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

SETTE *et al.*

Appl. No. 08/452,843

Filed: May 30, 1995

For: **HLA Binding Peptides And Their
Uses**

Confirmation No. 5698

Art Unit: 1644

Examiner: Schwadron, R.B.

Atty. Docket: 2060.0010002/EKS/HCC/M-M

Supplemental Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Supplemental Information Disclosure Statement filed on February 13, 2002 in connection with the above-captioned application. A copy of documents **AA1, AB1, AF1, AH1, AL1, AM1, AP1, AR4, AS5, AR8, AR11, AR13, AR15, AT24, and AR27** is also provided. Copies of all other documents were previously cited or submitted in an IDS in compliance with 37 C.F.R. § 1.98(a)-(c) in Applicants' 35 U.S.C. § 120 priority Application No. **08/344,824**.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language documents AO1 and AO2 cited on Form PTO 1449:

Document **AO1**, WO 92/21033 is in the German language. A Derwent English language abstract is cited as document **AS26**;

Document **AO2**, WO 95/11255 is in the Japanese language. A Derwent English language abstract is cited as document **AT26**.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the

effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits after the filing of a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d). No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Helene C. Carlson
Agent for Applicants
Registration No. 47,473

Date: 10/2/2002

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FORM PTO-1449

ATTY. DOCKET NO.
2060.0010002/EKS/HCC/M-MAPPLICATION NO.
08/452,843

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

APPLICANT
SETTE et al.FILING DATE
May 30, 1995GROUP
1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1	4,599,230	07/08/1986	Milich et al.			03/09/1984
	AB1	5,028,425	07/02/1991	Good et al.			07/07/1988
	AC1	5,200,320	04/06/1993	Sette et al.			12/07/1987
	AD1	5,342,774	08/30/1994	Boon et al.			12/12/1991
	AE1	5,405,940	04/11/1995	Boon et al.			08/31/1992
	AF1	5,503,829	04/02/1996	Ladant et al.			11/07/1994
	AG1	5,580,859	12/03/1996	Felgner et al.			03/18/1994
	AH1	5,662,907	09/02/1997	Kubo et al.			01/25/1994
	AI1	5,840,313	11/24/1998	Vahlne et al.			06/20/1995
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL1	EP 0 044 710 A1	01/27/1982	Europe			Yes No
	AM1	EP 0 346 022 A1	12/13/1989	Europe			Yes No
	AN1	WO 92/02543 A1	02/20/1992	WIPO			Yes No
	AO1	WO 92/21033 A1	11/26/1992	WIPO			Yes No
	AP1	WO 93/03764 A1	03/04/1993	WIPO			Yes No

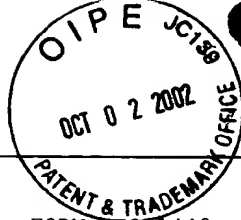
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS	1	Aichele, P., et al., "Antiviral cytotoxic T cell response induced by in vivo priming with a free synthetic peptide," <i>J. Exp. Med.</i> 171:1815-1820, Rockefeller University Press (1990)
	AT	1	Berke, G., "The Functions and Mechanisms of Action of Cytolytic Lymphocytes," in <i>Fundamental Immunology</i> , 3rd edition, Paul, W.E., ed., Raven Press, New York, NY, pp. 976-978 (November 1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <u>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,817
	APPLICANT SETTE et al.	
	FILING DATE May 30, 1995	GROUP 1644

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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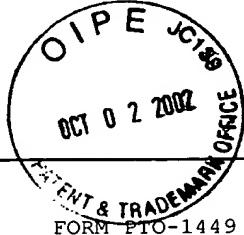
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 94/05304 A1	03/17/1994	WIPO			Yes No
	AM2	WO 94/11738 A1	05/26/1994	WIPO			Yes No
	AN2	WO 95/04542 A1	02/16/1995	WIPO			Yes No
	AO2	WO 95/11255 A1	04/27/1995	WIPO			Yes No
	AP2	WO 95/23234 A1	08/31/1995	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	Bertoni, R., et al., "Human Class I Supertypes and CTL Repertoires Extend to Chimpanzees" <i>J. Immunol.</i> 161:4447-4455, American Association of Immunologists (October 1998)
	AS	<u>2</u>	Bjorkman, P.J., et al., "Structure of the human class I histocompatibility antigen, HLA-A2," <i>Nature</i> 329:506-512, Macmillan Publishers, Ltd. (1987)
	AT	<u>2</u>	Bruss, V., "A Short Linear Sequence in the Pre-S Domain of the Large Hepatitis B Virus Envelope Protein Required for Virion Formation," <i>J. Virol.</i> 71:9350-9357 (December 1997)

EXAMINER	DATE CONSIDERED
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,848
	APPLICANT SETTE <i>et al.</i>	
	FILING DATE May 30, 1995	GROUP 1644

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL3	WO 96/03140 A1	02/08/1996	WIPO			Yes No
	AM3	EP 07 28 764 A1	08/28/1996	Europe			Yes No
	AN3	WO 97/04802 A1	02/13/1997	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Buus, S., <i>et al.</i> , "Autologous Peptides Constitutively Occupy the Antigen Binding Site on IA," <i>Science</i> 242:1045-1047, American Association for the Advancement of Science (1988)
	AS	<u>3</u>	Carreno, B.M., <i>et al.</i> , "HLA-B37 and HLA-A2.1 molecules bind largely nonoverlapping sets of peptides," <i>Proc. Natl. Acad. Sci. USA</i> 87:3420-3424, National Academy Press (1990)
	AT	<u>3</u>	Celis, E., <i>et al.</i> , "Induction of anti-tumor cytotoxic T lymphocytes in normal humans using primary cultures and synthetic peptide epitopes," <i>Proc. Natl. Acad. Sci. USA</i> 91:2105-2109, National Academy Press (March 1994)

EXAMINER

DATE CONSIDERED

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FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,813
	APPLICANT SETTE et al.	
	FILING DATE May 30, 1995	GROUP 1644

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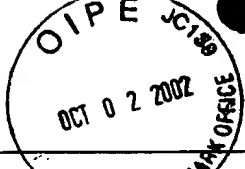
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Celis, E., et al., "Identification of potential CTL epitopes of tumor-associated antigen MAGE-1 for five common HLA-A alleles," <i>Mol. Immunol.</i> 31:1423-1430, Elsevier Science, Ltd. (December 1994)
	AS	4	Cordingley, M.G., et al., "Substrate Requirements of Human Rhinovirus 3C Protease for Peptide cleavage <i>in Vitro</i> ," <i>J. Biol. Chem.</i> 265:9062-9065, American Society for Biochemistry and Molecular Biology, Inc. (1990)
	AT	4	Corr, M., et al., "Endogenous Peptides of a Soluble Major Histocompatibility Complex Class I Molecule, H-2L _d , Sequence Motif, Quantitative Binding, and Molecular Modeling of the Complex," <i>J. Exp. Med.</i> 176:1681-1692, Rockefeller University Press (1992)

EXAMINER	DATE CONSIDERED
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,843
	APPLICANT SETTE et al.	
	FILING DATE May 30, 1995	GROUP 1644

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

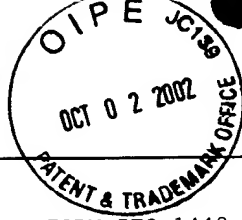
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Cotran, R.S., et al., "Neoplasia," in <i>Robbins Pathologic Basis of Disease</i> , 4th edition, W.B. Saunder Staff, ed., W.B. Saunders Company, Philadelphia, PA, pp. 296-299 (1989)
	AS	<u>5</u>	Culmann, B., et al., "Six epitopes reacting with human cytotoxic CD8 ⁺ T cells in the central region of the HIV-1 NEF protein," <i>J. Immunol.</i> 146:1560-1656, American Association of Immunologists (1991)
	AT	<u>5</u>	Deres, K., et al., "In vivo priming of virus-specific cytotoxic T lymphocytes with synthetic lipopeptide vaccine," <i>Nature</i> 342:561-564, Macmillan Publishers, Ltd. (1989)

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FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,843
	APPLICANT SETTE <i>et al.</i>	
	FILING DATE May 30, 1995	GROUP 1644

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	Dibrino, M., <i>et al.</i> , "Endogenous peptides bound to HLA-A3 possess a specific combination of anchor residues that permit identification of potential antigenic peptides," <i>Proc. Natl. Acad. Sci. USA</i> 90:1508-1512, National Academy Press (February 1993)
	AS	<u>6</u>	Ding, M., <i>et al.</i> , "Cloning and Analysis of MAGE-1-Related Genes," <i>Biochem. Biophys. Res. Commun.</i> 202:549-555, Academic Press, Ltd. (July 1994)
	AT	<u>6</u>	Falk, K., <i>et al.</i> , "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules," <i>Nature</i> 351:290-296, Macmillan Publishers, Ltd. (1991)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

FILING DATE
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	AP						Yes No

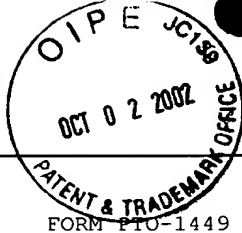
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	7	Foon, K.A., "Biological Response Modifiers: The New Immunotherapy," <i>Cancer Res.</i> 49:1621-1639, American Association for Cancer Research (1989)
	AS	7	Gaugler, B., <i>et al.</i> , "Human Gene MAGE-3 Codes for an Antigen Recognized on a Melanoma by Autologous Cytolytic T Lymphocytes," <i>J. Exp. Med.</i> 179:921-930, Rockefeller University Press (March 1994)
	AT	7	Geysen, H.M., <i>et al.</i> , "Cognitive Features of Continuous Antigenic Determinants," <i>J. Mol. Recognit.</i> 1:32-41, Heyden & Sons, Ltd. (1988)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	8	Guo, H.-C., <i>et al.</i> , "Different length peptides bind to HLA-Aw68 similarly at their ends but bulge out in the middle," <i>Nature</i> 360:364-366, Macmillan Publishers, Ltd. (1992)
	AS	8	Harlow, E., <i>et al.</i> , "Molecular Cloning and In Vitro Expression of a cDNA Clone for Human Cellular Tumor Antigen p53," <i>Mol. Cell Biol.</i> 5:1601-1610, American Society for Microbiology (1985)
	AT	8	Hayashi, H., <i>et al.</i> , "Molecular cloning and characterization of the gene encoding mouse melanoma antigen by cDNA library transfection," <i>J. Immunol.</i> 149:1223-1229, American Association of Immunologists (1992)

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FORM PTO-1449

ATTY. DOCKET NO.
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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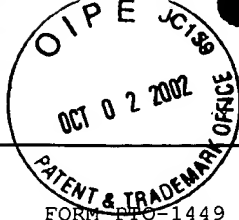
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>9</u>	Henderson, R.A., <i>et al.</i> , "HLA-A2.1-Associated Peptides from a Mutant Cell Line: A Second Pathway of Antigen Presentation," <i>Science</i> 255:1264-1266, American Association for the Advancement of Science (1992)
	AS	<u>9</u>	Hill, A., <i>et al.</i> , "Characterization of two Epstein-Barr virus epitopes restricted by HLA-B7," <i>Eur. J. Immunol.</i> 25:18-24, VCH Verlagsgesellschaft mbH (January 1995)
	AT	<u>9</u>	Hunt, D.F., <i>et al.</i> , "Characterization of Peptides Bound to the Class I MHC Molecule HLA-A2.1 by Mass Spectrometry," <i>Science</i> 255:1261-1263, American Association for the Advancement of Science (1992)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2060.0010002/EKS/HCC/M-M	APPLICATION NO. 08/452,843
	APPLICANT SETTE <i>et al.</i>	
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>10</u>	Jardetzky, T.S., <i>et al.</i> , "Identification of self peptides bound to purified HLA-B27, <i>Nature</i> 353:326-329, Macmillan Publishers, Ltd. (1991)	
AS	<u>10</u>	Jiang, H., <i>et al.</i> , "Role of CD8 ⁺ T Cells in Murine Experimental Allergic Encephalomyelitis," <i>Science</i> 256:1213-1215, American Association for the Advancement of Science (1992)	
AT	<u>10</u>	Kannagi, M., <i>et al.</i> , "Target Epitope in the Tax Protein of Human T-Cell Leukemia Virus Type I Recognized by Class I Major Histocompatibility Complex-Restricted Cytotoxic T Cells," <i>J. Virol.</i> 66:2928-2933, American Society for Microbiology (1992)	

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ATTY. DOCKET NO.
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08/452,846**RECEIVED**APPLICANT
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May 30, 1995GROUP
1644**OCT 05 2002**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	AR	<u>11</u>	Karin, N., <i>et al.</i> , "Reversal of Experimental Autoimmune Encephalomyelitis by a Soluble Peptide Variant of a Myelin Basic Protein Epitope: T Cells Receptor Antagonism and Reduction of Interferon γ and Tumor Necrosis Factor α Production," <i>J. Exp. Med.</i> 180:2227-22237, Rockefeller University Press (December 1994)
	AS	<u>11</u>	Kast, W.M., <i>et al.</i> , "Protection against lethal Sendai virus infection by <i>in vivo</i> priming of virus-specific cytotoxic T lymphocytes with a free synthetic peptide," <i>Proc. Natl. Acad. Sci. USA</i> 88:2283-2287, National Academy Press (1991)
	AT	<u>11</u>	Knuth, A., <i>et al.</i> , "Cellular and humoral immune responses against cancer: implications for cancer vaccines," <i>Curr. Opin. Immunol.</i> 3:659-664, Current Biology, Ltd. (1991)

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	AR	<u>12</u>	Koh, D.-R., et al., "Less Mortality but More Relapses in Experimental Allergic Encephalomyelitis in CD8 ^{-/-} Mice," <i>Science</i> 256:1210-1213, American Association for the Advancement of Science (1992)
	AS	<u>12</u>	Krieger, J.I., et al., "Single amino acid changes in DR and antigen define residues critical for peptide-MHC binding and T cell recognition," <i>J. Immunol.</i> 146:2331-2340, American Association of Immunologists (1991)
	AT	<u>12</u>	Kumar, V., et al., "Amino acid variations at a single residue in an autoimmune peptide profoundly affect its properties: T-cell activation, major histocompatibility complex binding, and ability to block experimental allergic encephalomyelitis," <i>Proc. Natl. Acad. Sci. USA</i> 87:1337-1341, National Academy Press (1990)

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	APPLICANT SETTE et al.		
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	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>13</u>	Mair, R., et al., "Peptide motifs of HLA-A3, -A24, and -B7 molecules as determined by pool sequencing," <i>Immunogenetics</i> 40:306-308, Springer-Verlag (1994)
	AS	<u>13</u>	Maryanski, J.L., et al., "Synthetic peptides as antigens and competitors in recognition by H-2-restricted cytolytic T cells specific for HLA," <i>J. Exp. Med.</i> 167:1391-1405, Rockefeller University Press (1988)
	AT	<u>13</u>	Maryanski, J.L., et al., "Competitor Analogs for Defined T Cell Antigens: Peptides Incorporating a Putative Binding Motif and Polyproline or Polyglycine Spacers," <i>Cell</i> 60:63-72, Cell Press (1990)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
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	AR	14	Miller, A., et al., "Suppressor T cells generated by oral tolerization to myelin basic protein suppress both <i>in vitro</i> and <i>in vivo</i> immune responses by the release of transforming growth factor β after antigen-specific triggering," <i>Proc. Natl. Acad. Sci. USA</i> 89:421-425, National Academy Press (1992)
	AS	14	Morrison, J., et al., "Identification of the nonamer peptide from influenza A matrix protein and the role of pockets of HLA-A2 in its recognition by cytotoxic T lymphocytes," <i>Eur. J. Immunol.</i> 22:903-907, VCH Verlagsgesellschaft mbH (1992)
	AT	14	Oaks, M.K., et al., "Molecular Cytogenic Mapping of the Human Melanoma Antigen (MAGE) Gene Family to Chromosome Region Xq27-qter: Implications for MAGE Immunotherapy," <i>Cancer Res.</i> 54:1627-1629, American Association for Cancer Research (April 1994)

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	AP						Yes No

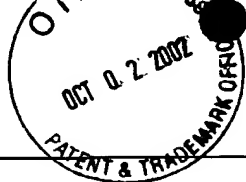
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	AR	15	Ochoa-Garay, J., et al., "The ability of peptides to induce cytotoxic T cells in vitro does not strongly correlate with their affinity for the H-2L ^d molecule: implications for vaccine design and immunotherapy," <i>Mol. Immunol.</i> 34:273-281, Elsevier Science, Ltd. (February 1997)
	AS	15	Parham, P., et al., "The Origins of HLA-A,B,C Polymorphism," <i>Immunol. Rev.</i> 143:141-180, Munksgaard (February 1995)
	AT	15	Parker, K.C., et al., "Peptide Binding to HLA-A2 and HLA-B27 Isolated from <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 267:5451-5459, American Society for Biochemistry and Molecular Biology, Inc. (1992)

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08/452,843**RECEIVED**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANT
SETTE *et al.*FILING DATE
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U.S. PATENT DOCUMENTS

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>16</u>	Parker, K.C., <i>et al.</i> , "Sequence motifs important for peptide binding to the human MHC class I molecule, HLA-A2," <i>J. Immunol.</i> 149:3580-3587, American Association of Immunologists (1992)
	AS	<u>16</u>	Patarroyo, M.E., <i>et al.</i> , "Induction of protective immunity against experimental infection with malaria using synthetic peptides," <i>Nature</i> 328:629-632, Macmillan Publishers, Ltd. (1987)
	AT	<u>16</u>	Preisler-Adams, S., <i>et al.</i> , "Complete nucleotide sequence of a hepatitis B virus, subtype adw2, and identification of three types of C open reading frame," <i>Nucleic Acids Res.</i> 21:2258, Oxford University Press (May 1993)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	17	Rammensee, H.-G., et al., "Peptides Naturally Presented by MHC Class I Molecules," <i>Annu. Rev. Immunol.</i> 11:213-244, Annual Reviews, Inc. (January 1993)
	AS	17	Rammensee, H.-G., et al., "MHC ligands and peptide motifs: first listing," <i>Immunogenetics</i> 41:178-228, Springer-Verlag (February 1995)
	AT	17	Reddehase, M.J., et al., "A pentapeptide as minimal antigenic determinant for MHC class I-restricted T lymphocytes," <i>Nature</i> 337:651-653, Macmillan Publishers, Ltd. (1989)

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FORM PTO-1449

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1644**OCT 05 2002**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>18</u>	Robson, K.J.H., <i>et al.</i> , "A highly conserved amino-acid sequence in thrombospondin, properdin and in proteins from sporozoites and blood stages of a human malaria parasite," <i>Nature</i> 335:79-82, Macmillan-Publishers, Ltd. (1988)
	AS	<u>18</u>	Romero, P., <i>et al.</i> , "H-2K ^d -restricted Antigenic Peptides Share a Simple Binding Motif," <i>J. Exp. Med.</i> 174:603-612, Rockefeller University Press (1991)
	AT	<u>18</u>	Rötzschke, O., <i>et al.</i> , "Characterization of Naturally Occurring Minor Histocompatibility Peptides Including H-4 and H-Y," <i>Science</i> 249:283-287, American Association for the Advancement of Science (1990)

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	APPLICANT SETTE <i>et al.</i>	
	FILING DATE May 30, 1995	GROUP 1644

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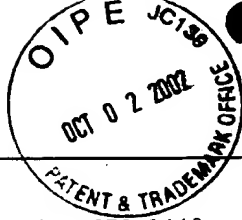
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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	19	Röttschke, O., <i>et al.</i> , "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," <i>Nature</i> 348:252-254, Macmillan Publishers, Ltd. (1990)
	AS	19	Röttschke, O., <i>et al.</i> , "Naturally-occurring peptide antigens derived from the MHC class-I-restricted processing pathway," <i>Immunol. Today</i> 12:447-455, Elsevier Science Publishers, Ltd. (1991)
	AT	19	Schulz, M., <i>et al.</i> , "Major histocompatibility complex binding and T cell recognition of a viral nonapeptide containing a minimal tetrapeptide," <i>Eur. J. Immunol.</i> 21:1181-1185, VCH Verlagsgesellschaft mbH (1991)

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	AR	<u>20</u>	Sette, A., <i>et al.</i> , "Prediction of major histocompatibility complex binding regions of protein antigens by sequence pattern analysis," <i>Proc. Natl. Acad. Sci. USA</i> 86:3296-3300, National Academy Press (1989)
	AS	<u>20</u>	Sette, A., <i>et al.</i> , "The Relationship Between Class I Binding Affinity and Immunogenicity of Potential Cytotoxic T Cell Epitopes," <i>J. Immunol.</i> 153:5586-5592, American Association of Immunologists (December 1994)
	AT	<u>20</u>	Shankar, P., <i>et al.</i> , "Three regions of HIV-1 gp160 contain clusters of immunodominant CTL epitopes," <i>Immunol. Lett.</i> 52:23-30, Elsevier Science B.V. (August 1996)

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	AR	<u>21</u>	Shankar, P., <i>et al.</i> , "Three regions of HIV-1 gp160 contain clusters of immunodominant CTL epitopes," <i>Chemical Abstracts</i> 125:18, Abstract No. 245055, American Chemical Society (November 1996)
	AS	<u>21</u>	Shimojo, N., <i>et al.</i> , "Specificity of peptide binding by the HLA-A2.1 Molecule," <i>J. Immunol.</i> 143:2939-2947, American Association of Immunologists (1989)
	AT	<u>21</u>	Sidney, J., <i>et al.</i> , "Specificity and Degeneracy in Peptide Binding to HLA-B7-Like Class I Molecules" <i>J. Immunol.</i> 157:3480-3490, American Association of Immunologists (October 1996)

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	AR	<u>22</u>	Slingluff, Jr., C.L., <i>et al.</i> , "Recognition of Human Melanoma Cells by HLA-A2.1-Restricted Cytotoxic T Lymphocytes Is Mediated by at Least Six Shared Peptide Epitopes," <i>J. Immunol.</i> 150:2955-2963, American Association of Immunologists (April 1993)
	AS	<u>22</u>	Storkus, W.J., <i>et al.</i> , "Identification of Human Melanoma Peptides Recognized by Class I Restricted Tumor Infiltrating T Lymphocytes," <i>J. Immunol.</i> 151:3719-3727, American Association of Immunologists (October 1993)
	AT	<u>22</u>	Takahashi, K., <i>et al.</i> , "Specific lysis of human immunodeficiency virus type 1-infected cells by a HLA-A3.1-restricted CD8+ cytotoxic T-lymphocyte clone that recognizes a conserved peptide sequence within the gp41 subunit of the envelope protein," <i>Proc. Natl. Acad. Sci. USA</i> 88:10277-10281, National Academy Press (1991)

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>23</u>	Tanigaki, N., <i>et al.</i> , "Exploring myelin basic protein for HLA class I-binding sequences," <i>Eur. J. Immunol.</i> 24:2196-2202, VCH Verlagsgesellschaft mbH (September 1994)
	AS	<u>23</u>	Traversari, C., <i>et al.</i> , "A Nonapeptide Encoded by Human Gene MAGE-1 Is Recognized on HLA-A1 by Cytolytic T Lymphocytes Directed against Tumor Antigen MZ2-E," <i>J. Exp. Med.</i> 176:1453-1457, Rockefeller University Press (1992)
	AT	<u>23</u>	Urban, J.L., <i>et al.</i> , "Autoimmune T Cells: Immune Recognition of Normal and Variant Peptide Epitopes and Peptide-Based Therapy," <i>Cell</i> 59:257-271, Cell Press (1989)

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

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2060.0010002/EKS/HCC/M-MAPPLICATION NO.
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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	AR	<u>24</u>	Van der Bruggen, P., et al., "A Gene Encoding an Antigen Recognized by Cytolytic T Lymphocytes on a Human Melanoma," <i>Science</i> 254:1643-1647, American Association for the Advancement of Science (1991)
	AS	<u>24</u>	Viret, C., et al., "Recognition of shared melanoma antigen by HLA-A2-restricted cytolytic T cell clones derived from human tumor-infiltrating lymphocytes," <i>Eur. J. Immunol.</i> 23:141-146, VCH Verlagsgesellschaft mbH (January 1993)
	AT	<u>24</u>	Vitello, A., et al., "Analysis of the HLA-restricted Influenza-specific Cytotoxic T Lymphocyte Response in Transgenic Mice Carrying a Chimeric Human-Mouse Class I Major Histocompatibility Complex," <i>J. Exp. Med.</i> 173:1007-1015, Rockefeller University Press (1991)

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08/452,843APPLICANT
SETTE *et al.*

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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

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	AR	<u>25</u>	Weynants, P., <i>et al.</i> , "Expression of MAGE genes by non-small-cell lung carcinomas," <i>Int. J. Cancer</i> 56:826-829, Wiley-Liss, Inc. (March 1994)
	AS	<u>25</u>	Whitton, J.L., <i>et al.</i> , "Molecular Analyses of a Five-Amino-Acid Cytotoxic T-Lymphocyte (CTL) Epitope: an Immunodominant Region Which Induces Nonreciprocal CTL Cross-Reactivity," <i>J. Virol.</i> 63:4303-4310, American Society for Microbiology (1989)
	AT	<u>25</u>	Wraith, D.C., <i>et al.</i> , "Antigen Recognition in Autoimmune Encephalomyelitis and the Potential for Peptide-Mediated Immunotherapy," <i>Cell</i> 59:247-255, Cell Press (1989)

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	AR	<u>26</u>	Zakut, R., <i>et al.</i> , "Differential Expression of <i>MAGE-1</i> , <i>-2</i> , and <i>-3</i> Messenger RNA in Transformed and Normal Human Cell Lines," <i>Cancer Res.</i> 53:5-8 American Association for Cancer Research (January 1993)
	AS	<u>26</u>	Dialog File 351, Accession No. 9263567, Derwent WPI English language abstract for WO 92/21033.
	AT	<u>26</u>	Dialog File 351, Accession No. 10268933, Derwent WPI English language abstract for WO 95/11255.

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	Co-pending U.S. Application No. 08/344,824, Sette, A., <i>et al.</i> , filed November 23, 1994, NOT PUBLISHED.
	AS	<u>27</u>	
	AT	<u>27</u>	

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